



CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Post Office as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on

Date: 6-24-04
Name: Laura M. Dennis
Signature: Laura M. Dennis

Clifford Chance US LLP

Docket No. 5677-177

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Alan P. Kozikowski et al.

Filed: September 9, 2003 Group Art Unit: 1626

Serial No: 10/658,241 Examiner: TBA

For: SYNTHESIS OF DIMERIC, TRIMERIC, TETRAMERIC PENTAMERIC, AND HIGHER OLIGOMERIC EPICATECHIN-DERIVED PROCYANIDINS HAVING 4BETA,8-INTERFLAVAN LINKAGES AND THEIR USE TO INHIBIT CANCER CELL GROWTH THROUGH CELL CYCLE ARREST

SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In order to comply with 37 CFR 1.97 and 1.98, attached hereto is a copy of Form PTO-1449 and copies of the documents listed thereon.

Applicants respectfully request the Examiner's consideration of the cited reference and entry into the record of this application and that it be cited of record in the prosecution history of the present application by initialing Form PTO-1449 next to the document. Such initialing is requested even if the Examiner does not consider a cited document to be sufficiently pertinent to use in a rejection, or otherwise does not consider it to be prior art for any reason, or even if the Examiner does not believe that the guidelines for citation have been fully complied with. This is requested so that each document becomes listed on the face of the patent issuing on the present application.

The present Information Disclosure Statement is being submitted in compliance with 37 CFR 1.56, but the citation of such document is not to be construed as an admission that such document is necessarily relevant or prior art. No representation is intended that the cited documents represent the results of a complete search, and it is anticipated that the Examiner, in the normal course of examination, will make an independent search and will determine the best prior art consistent with 37 CFR 1.104 and, in the course of each search, will review for relevance every document cited on the attached form even if not initialed.

The present Information Disclosure Statement has been submitted prior to the receipt of an Office Action in this application. Accordingly, no fee is due. However, in the event that a first Office Action

was mailed on or before the date of submission of this disclosure statement, the Commissioner is hereby authorized to charge any fees to deposit Account No. 50-0521.

Respectfully submitted,

Date:

June 23, 2004

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PTO-1449 U.S. Department of Commerce Patent and Trademark Office INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				Serial No. 10/658,241
				Inventors: Alan Kozikowski et al.
				Docket No. 5677-177

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		US 2003/0114691	6-19-03	Romanczyk, Jr. et al.	549	354	8-6-02

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION
	WO 97 36597	9-10-97	WO	

OTHER DOCUMENTS

EXAMINER INITIAL		AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.
		International Search Report

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Form PTO-1449 [6-4]



CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Post Office as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on

Date: June 24, 2004
Name: Lisa M. Davis
Signature: Lisa M. Davis

Clifford Chance US LLP

Docket No. 5677-177

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Alan P. Kozikowski et al.

Filed: September 9, 2003 Group Art Unit: 1626

Serial No: 10/658,241 Examiner: TBA

For: SYNTHESIS OF DIMERIC, TRIMERIC, TETRAMERIC PENTAMERIC, AND HIGHER OLIGOMERIC EPICATECHIN-DERIVED PROCYANIDINS HAVING 4BETA,8-INTERFLAVAN LINKAGES AND THEIR USE TO INHIBIT CANCER CELL GROWTH THROUGH CELL CYCLE ARREST

TRANSMITTAL LETTER

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Enclosed is a corrected 1449 Form to replace the 1449 Form mailed March 16, 2004 which was received by the Patent Office March 22, 2004. The changes include the inclusion of the country code for the foreign patent documents, the correction of the date for DE 15 18 003 from 07-01-65 to 30-01-69 as well as the change of country from Dutch to German, and the correction of "Keagh" to "Keogh" and the addition of the Chemical Abstracts information relating to the Keogh article.

Also enclosed is a Second Supplemental Information Disclosure Statement listing the two references cited in the PCT Search Report for the corresponding application (PCT/US 98/21392). A copy of the Search Report and other references cited were provided with the Information Disclosure Statement filed March 22, 2004. The additional references now cited are US 2003/0114691 (Romanczyk et al.) and WO 97 36597. A copy of WO 97 36597 is provided.

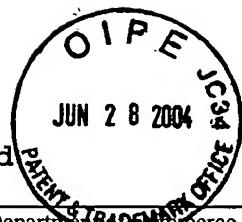
Respectfully submitted,

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Corrected



FORM PTO-1449 U.S. Department of Commerce Patent and Trademark Office		Serial No. 10/658,241
INFORMATION DISCLOSURE STATEMENT		Inventors: Alan P. Kozikowski
(Use several sheets if necessary)		Docket No. 5677-177

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	6,156,912	12-5-00	Tückmantel et al.	549	399	
	6,207,842	3-27-01	Romanczyk, Jr. et al.	549	399	

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION
	WO 90/13304	15-11-90	WO	
	EP 0216 936	08-04-87	Europe	
	EP 0039 844	18-11-81	Europoe	No
	DE 15 18 003	30-01-69	German	No

OTHER DOCUMENTS

EXAMINER INITIAL	AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.
	Botha et al., Dept. of Chemistry, University of the Orange Free State, 1980, pgs. 527-533
	Botha et al., Dept. of Chemistry, University of the Orange Free State, 1980, pgs. 1235-1245
	Delcour et al., J. Chem. Soc. Perkins Trans., 1983, pgs. 1711-1717
	Delcour et al., Laboratorium voor Toegepaste Organische, 1986, Vol. 92 pgs. 244-249
	D. Ferreira et al., Tetrahedron, 1992, Vol. 48, pgs. 1743-1803
	Kawamoto et al., Mokuzai Gakkaishi, 1991, Vol. 37 pgs. 741-747
	Kawamoto et al., Mokuzai Gakkaishi, 1991, Vol. 37 pgs. 488-493
	Tückmantel et al., J. Am. Chem. Soc., 1999, Vol. 121 pgs. 12073-12081
	Kozikowski, et al., J. Org. Chem. 2001, Vol. 66, pgs. 1287-1296
	Steenkamp et al., Pergamon Press Ltd., Vol. 26, pgs. 3045-3048
	Steynberg et al., Tetrahedron, 1998, Vol. 54, pgs. 8153-8158
	International Search Report PCT/US 98/21392



	JP 06 248697, Chem. Abstr. Vol. 107, No. 26, p. 643 (1987) Abstr. No. 107: 6996d
	"New Tannin Compound with Enzyme Inhibiting Activity is Tris-flavanol Cpd. Derives from Areca Nuts" Wep Accession No. 87-099102
	JP 58 154571 9/14/83 "Tannin Deviv. for Tanning Leather – combine with Enzyme Proteins in Living Body to Inhibit Their Function" Wep Accession No. 83-797400
	JPN. Kobai Tokkyo Kaho JP 58154571 9/14/83 C.A. 100:136 144 R Derwent – non-certified translation
	E.J. Keogh et al. Chem. Ind (London) 1961:2100-1 CA 57: 3398b No 31 1962

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

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